



IFWO

RAW SEQUENCE LISTING

DATE: 08/11/2004

PATENT APPLICATION: US/10/821,240A

TIME: 17:54:57

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\08112004\J821240A.raw

4 <110> APPLICANT: Khan, Nisar A.
 5 Benner, Robert
 7 <120> TITLE OF INVENTION: Gene regulator
 9 <130> FILE REFERENCE: 2183-5223US

C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/821,240A

C--> 11 <141> CURRENT FILING DATE: 2004-04-08

11 <150> PRIOR APPLICATION NUMBER: 10/028,075

12 <151> PRIOR FILING DATE: 2001-12-21

14 <150> PRIOR APPLICATION NUMBER: EP 01203748.7

15 <151> PRIOR FILING DATE: 2001-10-04

17 <160> NUMBER OF SEQ ID NOS: 312

19 <170> SOFTWARE: PatentIn Ver. 2.1

21 <210> SEQ ID NO: 1

22 <211> LENGTH: 4

23 <212> TYPE: PRT

24 <213> ORGANISM: Homo sapiens

26 <400> SEQUENCE: 1

27 Leu Gln Gly Val

28 1

30 <210> SEQ ID NO: 2

31 <211> LENGTH: 4

32 <212> TYPE: PRT

33 <213> ORGANISM: Artificial Sequence

35 <220> FEATURE:

36 <223> OTHER INFORMATION: Description of Artificial Sequence: Derivative of SEQ ID NO:1

38 <400> SEQUENCE: 2

39 Ala Gln Gly Val

40 1

42 <210> SEQ ID NO: 3

43 <211> LENGTH: 6

44 <212> TYPE: PRT

45 <213> ORGANISM: Homo sapiens

47 <400> SEQUENCE: 3

48 Val Leu Pro Ala Leu Pro

49 1 5

50 <210> SEQ ID NO: 4

51 <211> LENGTH: 16

52 <212> TYPE: PRT

53 <213> ORGANISM: Artificial Sequence

55 <220> FEATURE:

56 <223> OTHER INFORMATION: Description of Artificial Sequence: Fragment of MAP kinase

kinase

58 <400> SEQUENCE: 4

59 Met Leu Ala Arg Arg Lys Pro Val Leu Pro Ala Leu Thr Ile Asn Pro



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67 <220> FEATURE:
68 <223> OTHER INFORMATION: Description of Artificial Sequence: Fragment of MAP kinase
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70 <400> SEQUENCE: 5
71 Met Leu Ala Arg Arg Lys Pro
72      1              5
74 <210> SEQ ID NO: 6
75 <211> LENGTH: 4
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77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Description of Artificial Sequence: Fragment of MAP kinase
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82 <400> SEQUENCE: 6
83 Met Leu Ala Arg
84      1
86 <210> SEQ ID NO: 7
87 <211> LENGTH: 6
88 <212> TYPE: PRT
89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: Description of Artificial Sequence: Fragment of MAP kinase
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94 <400> SEQUENCE: 7
95 Val Leu Pro Ala Leu Thr
96      1              5
98 <210> SEQ ID NO: 8
99 <211> LENGTH: 5
100 <212> TYPE: PRT
101 <213> ORGANISM: Artificial Sequence
103 <220> FEATURE:
104 <223> OTHER INFORMATION: Description of Artificial Sequence:
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107 <400> SEQUENCE: 8
108 Val Leu Pro Ala Leu
109      1              5
111 <210> SEQ ID NO: 9
112 <211> LENGTH: 4
113 <212> TYPE: PRT
114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: Description of Artificial Sequence:
118      pdb/4NOS/4NOS-A
120 <400> SEQUENCE: 9
121 Phe Pro Gly Cys
122      1
124 <210> SEQ ID NO: 10

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125 <211> LENGTH: 4
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127 <213> ORGANISM: Artificial Sequence
129 <220> FEATURE:
130 <223> OTHER INFORMATION: Description of Artificial Sequence: Hs.297775.1
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133 Pro Gly Cys Pro
134 1
136 <210> SEQ ID NO: 11
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138 <212> TYPE: PRT
139 <213> ORGANISM: Artificial Sequence
141 <220> FEATURE:
142 <223> OTHER INFORMATION: Description of Artificial Sequence:
143 swiss/P81272/NS2B HUMAN
145 <400> SEQUENCE: 11
146 Gly Val Leu Pro Ala Val Pro
147 1 5
149 <210> SEQ ID NO: 12
150 <211> LENGTH: 6
151 <212> TYPE: PRT
152 <213> ORGANISM: Artificial Sequence
154 <220> FEATURE:
155 <223> OTHER INFORMATION: Description of Artificial Sequence:
156 swiss/P81272/NS2B HUMAN
158 <400> SEQUENCE: 12
159 Val Leu Pro Ala Val Pro
160 1 5
162 <210> SEQ ID NO: 13
163 <211> LENGTH: 4
164 <212> TYPE: PRT
165 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Description of Artificial Sequence:
169 pdb/1FZV/1FZV-A
171 <400> SEQUENCE: 13
172 Pro Ala Val Pro
173 1
175 <210> SEQ ID NO: 14
176 <211> LENGTH: 9
177 <212> TYPE: PRT
178 <213> ORGANISM: Artificial Sequence
180 <220> FEATURE:
181 <223> OTHER INFORMATION: Description of Artificial Sequence: Fragment of Factor XIII
183 <400> SEQUENCE: 14
184 Leu Gln Gly Val Val Pro Arg Gly Val
185 1 5
187 <210> SEQ ID NO: 15
188 <211> LENGTH: 4

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189 <212> TYPE: PRT
190 <213> ORGANISM: Artificial Sequence
192 <220> FEATURE:
193 <223> OTHER INFORMATION: Description of Artificial Sequence: Fragment of Factor XIII
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196 Gly Val Val Pro
197 1
199 <210> SEQ ID NO: 16
200 <211> LENGTH: 5
201 <212> TYPE: PRT
202 <213> ORGANISM: Artificial Sequence
204 <220> FEATURE:
205 <223> OTHER INFORMATION: Description of Artificial Sequence: Fragment of Factor XIII
207 <400> SEQUENCE: 16
208 Val Pro Arg Gly Val
209 1 5
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212 <211> LENGTH: 4
213 <212> TYPE: PRT
214 <213> ORGANISM: Artificial Sequence
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220 Pro Arg Gly Val
221 1
223 <210> SEQ ID NO: 18
224 <211> LENGTH: 14
225 <212> TYPE: PRT
226 <213> ORGANISM: Artificial Sequence
228 <220> FEATURE:
229 <223> OTHER INFORMATION: Description of Artificial Sequence: Mm.129320.2
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233 1 5 10
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237 <212> TYPE: PRT
238 <213> ORGANISM: Artificial Sequence
240 <220> FEATURE:
241 <223> OTHER INFORMATION: Description of Artificial Sequence: Derivative of SEQ ID
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243 <400> SEQUENCE: 19
244 Leu Gln Gly Ala
245 1
247 <210> SEQ ID NO: 20
248 <211> LENGTH: 10
249 <212> TYPE: PRT
250 <213> ORGANISM: Artificial Sequence
252 <220> FEATURE:
253 <223> OTHER INFORMATION: Description of Artificial Sequence: NMPF-1

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Input Set : A:\PTO.AMC.txt

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255 <400> SEQUENCE: 20
256 Val Leu Pro Ala Leu Pro Gln Val Val Cys
257 1 5 10
259 <210> SEQ ID NO: 21
260 <211> LENGTH: 6
261 <212> TYPE: PRT
262 <213> ORGANISM: Artificial Sequence
264 <220> FEATURE:
265 <223> OTHER INFORMATION: Description of Artificial Sequence: Derivative of SEQ ID

NO:3

267 <400> SEQUENCE: 21
268 Ala Leu Pro Ala Leu Pro
269 1 5
271 <210> SEQ ID NO: 22
272 <211> LENGTH: 6
273 <212> TYPE: PRT
274 <213> ORGANISM: Artificial Sequence
276 <220> FEATURE:
277 <223> OTHER INFORMATION: Description of Artificial Sequence: Derivative of SEQ ID

NO:3

279 <400> SEQUENCE: 22
280 Val Ala Pro Ala Leu Pro
281 1 5
283 <210> SEQ ID NO: 23
284 <211> LENGTH: 7
285 <212> TYPE: PRT
286 <213> ORGANISM: Artificial Sequence
288 <220> FEATURE:
289 <223> OTHER INFORMATION: Description of Artificial Sequence: Derivative of SEQ ID

NO:3

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292 Ala Leu Pro Ala Leu Pro Gln
293 1 5
295 <210> SEQ ID NO: 24
296 <211> LENGTH: 7
297 <212> TYPE: PRT
298 <213> ORGANISM: Artificial Sequence
300 <220> FEATURE:
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NO:3

303 <400> SEQUENCE: 24
304 Val Leu Pro Ala Ala Pro Gln
305 1 5
307 <210> SEQ ID NO: 25
308 <211> LENGTH: 7
309 <212> TYPE: PRT
310 <213> ORGANISM: Artificial Sequence
312 <220> FEATURE:
313 <223> OTHER INFORMATION: Description of Artificial Sequence: Derivative of SEQ ID

NO:3

315 <400> SEQUENCE: 25
316 Val Leu Pro Ala Leu Ala Gln
317 1 5

319 <210> SEQ ID NO: 26

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 08/11/2004
PATENT APPLICATION: US/10/821,240A TIME: 17:54:58

Input Set : A:\PTO.AMC.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:97; Xaa Pos. 2

Seq#:98; Xaa Pos. 2

VERIFICATION SUMMARY

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Input Set : A:\PTO.AMC.txt

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L:11 M:270 C: Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:1238 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:97 after pos.:0

L:1258 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:98 after pos.:0